

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_O\Data\P0072120\  
 Data File : P0069858.D  
 Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH  
 Acq On : 21 Jul 2020 19:16  
 Operator : DD\AJ  
 Sample : L3358-01  
 Misc :  
 ALS Vial : 27 Sample Multiplier: 1

Instrument :  
 ECD\_O  
 ClientSampleId :  
 55-ST-28

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Jul 22 00:50:13 2020  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_O\methods\P0070820.M  
 Quant Title : GC EXTRACTABLES  
 QLast Update : Wed Jul 08 16:12:41 2020  
 Response via : Initial Calibration  
 Integrator: ChemStation 6890 Scale Mode: Small noise peaks clipped

Volume Inj. : 2 µl  
 Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2  
 Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm

|                             | Compound        | RT#1    | RT#2   | Resp#1  | Resp#2  | ng/ml   | ng/ml     |
|-----------------------------|-----------------|---------|--------|---------|---------|---------|-----------|
| -----                       |                 |         |        |         |         |         |           |
| System Monitoring Compounds |                 |         |        |         |         |         |           |
| 1)                          | SA Tetrachlo... | 4.386   | 3.560  | 1300540 | 1385681 | 34.833  | 34.819    |
| 2)                          | SA Decachlor... | 10.036f | 8.765  | 1984626 | 1660813 | 32.986  | 29.263    |
| Target Compounds            |                 |         |        |         |         |         |           |
| 3)                          | L1 AR-1016-1    | 0.000   | 4.816f | 0       | 183251  | N.D.    | 108.973 # |
| 4)                          | L1 AR-1016-2    | 0.000   | 4.816  | 0       | 183251  | N.D.    | 78.807 #  |
| 5)                          | L1 AR-1016-3    | 5.795   | 5.008  | 101654  | 114178  | 66.280  | 89.631 #  |
| 6)                          | L1 AR-1016-4    | 5.876f  | 5.034f | 187785  | 106351  | 144.902 | 97.388 #  |
| 7)                          | L1 AR-1016-5    | 6.206   | 5.266  | 76550   | 119077  | 58.098  | 86.567 #  |
| 8)                          | L2 AR-1221-1    | 4.663f  | 0.000  | 217932  | 0       | 543.480 | N.D. #    |
| 9)                          | L2 AR-1221-2    | 0.000   | 3.898  | 0       | 262299  | N.D.    | 733.034 # |
| 10)                         | L2 AR-1221-3    | 4.830   | 4.005  | 262251  | 307535  | 258.085 | 281.204   |
| 11)                         | L3 AR-1232-1    | 4.830   | 4.005  | 262251  | 307535  | 322.409 | 343.966   |
| 12)                         | L3 AR-1232-2    | 5.398   | 4.816  | 373255  | 183251  | 870.881 | 189.561 # |
| 13)                         | L3 AR-1232-3    | 0.000   | 5.008  | 0       | 114178  | N.D.    | 218.533 # |
| 14)                         | L3 AR-1232-4    | 5.876f  | 0.000  | 187785  | 0       | 383.794 | N.D. #    |
| 15)                         | L3 AR-1232-5    | 0.000   | 5.266  | 0       | 119077  | N.D.    | 227.621 # |
| 16)                         | L4 AR-1242-1    | 0.000   | 4.816f | 0       | 183251  | N.D.    | 146.148 # |
| 17)                         | L4 AR-1242-2    | 0.000   | 4.816  | 0       | 183251  | N.D.    | 104.887 # |
| 18)                         | L4 AR-1242-3    | 5.795   | 5.008  | 101654  | 114178  | 89.514  | 118.605 # |
| 19)                         | L4 AR-1242-4    | 5.876f  | 0.000  | 187785  | 0       | 195.692 | N.D. #    |
| 20)                         | L4 AR-1242-5    | 0.000   | 5.651  | 0       | 48966   | N.D.    | 38.633 #  |
| 21)                         | L5 AR-1248-1    | 0.000   | 4.816f | 0       | 183251  | N.D.    | 187.249 # |
| 22)                         | L5 AR-1248-2    | 0.000   | 5.034f | 0       | 106351  | N.D.    | 78.120 #  |
| 23)                         | L5 AR-1248-3    | 6.206   | 0.000  | 76550   | 0       | 48.435  | N.D. #    |
| 24)                         | L5 AR-1248-4    | 0.000   | 5.266  | 0       | 119077  | N.D.    | 73.308 #  |
| 26)                         | L6 AR-1254-1    | 0.000   | 5.651  | 0       | 48966   | N.D.    | 18.811 #  |
| 28)                         | L6 AR-1254-3    | 7.189   | 6.239  | 156881  | 208265  | 44.669  | 55.456    |
| 29)                         | L6 AR-1254-4    | 7.481f  | 0.000  | 427736  | 0       | 142.918 | N.D. #    |
| 30)                         | L6 AR-1254-5    | 0.000   | 6.896  | 0       | 107162  | N.D.    | 29.859 #  |
| 32)                         | L7 AR-1260-2    | 7.616f  | 6.584f | 193384  | 32194   | 54.514  | 9.836 #   |
| 33)                         | L7 AR-1260-3    | 7.979   | 6.722  | 176502  | 131209  | 61.052  | 43.095 #  |
| 34)                         | L7 AR-1260-4    | 8.229   | 0.000  | 125932  | 0       | 42.517  | N.D. #    |
| 35)                         | L7 AR-1260-5    | 8.524   | 0.000  | 48784   | 0       | 7.210   | N.D. #    |
| 36)                         | L8 AR-1262-1    | 7.979   | 6.896  | 176502  | 107162  | 44.353  | 55.495 #  |
| 37)                         | L8 AR-1262-2    | 8.524   | 0.000  | 48784   | 0       | 6.759   | N.D. #    |
| 38)                         | L8 AR-1262-3    | 0.000   | 7.724  | 0       | 79162   | N.D.    | 29.373 #  |
| 41)                         | L9 AR-1268-1    | 0.000   | 7.724  | 0       | 79162   | N.D.    | 10.113 #  |
| 43)                         | L9 AR-1268-3    | 0.000   | 8.013f | 0       | 72969   | N.D.    | 12.220 #  |
| -----                       |                 |         |        |         |         |         |           |

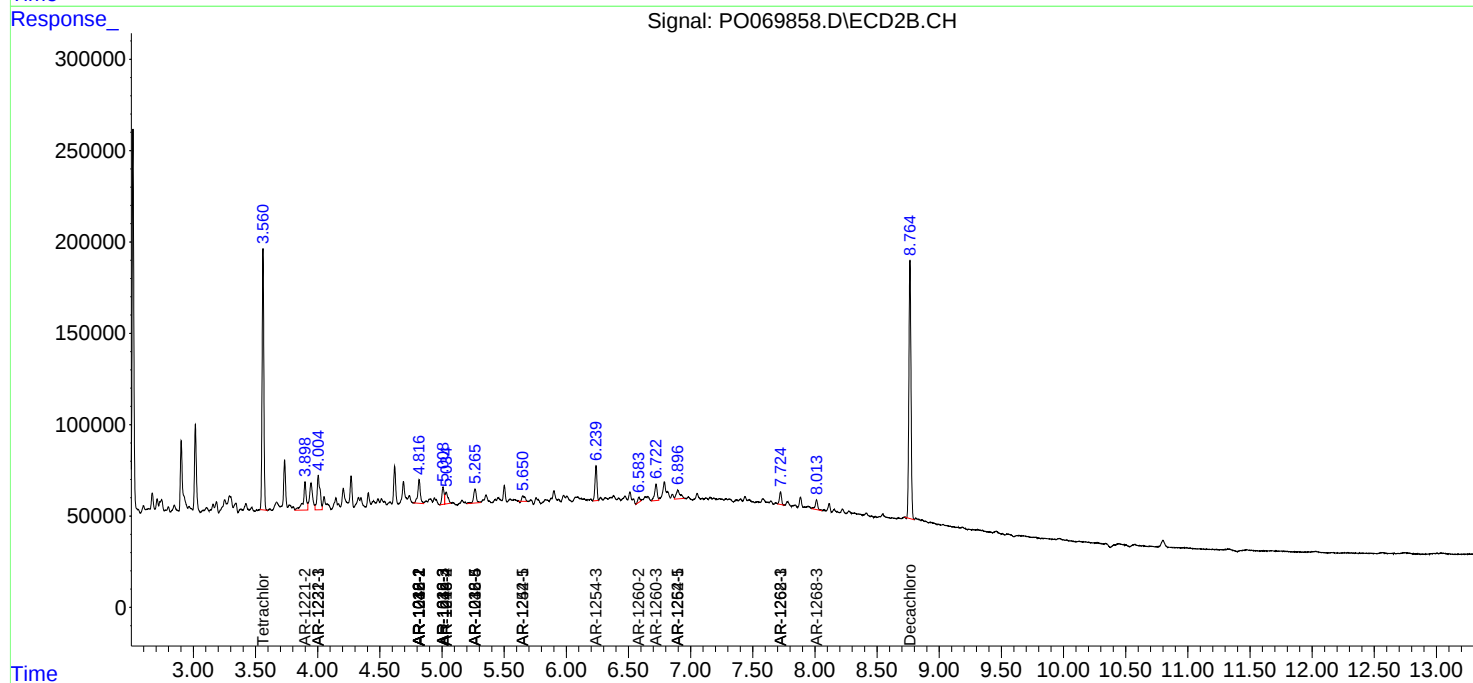
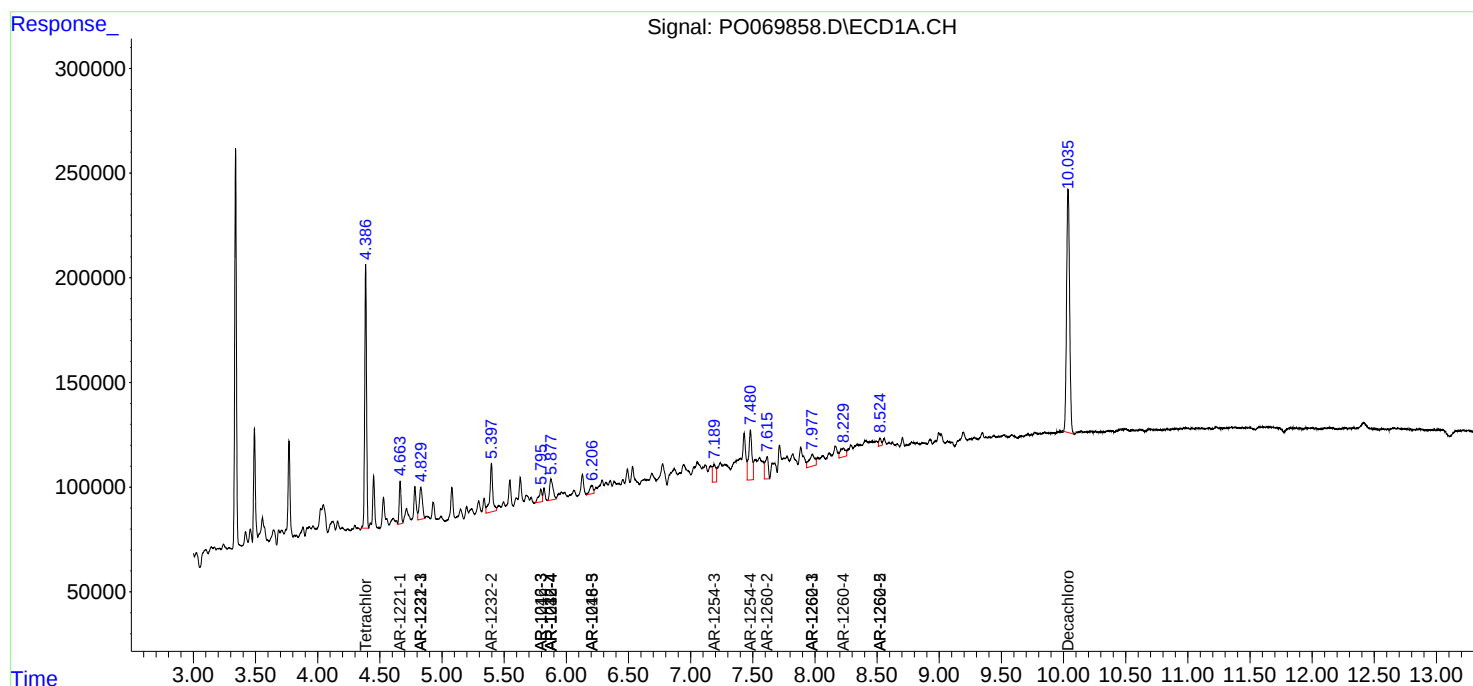
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

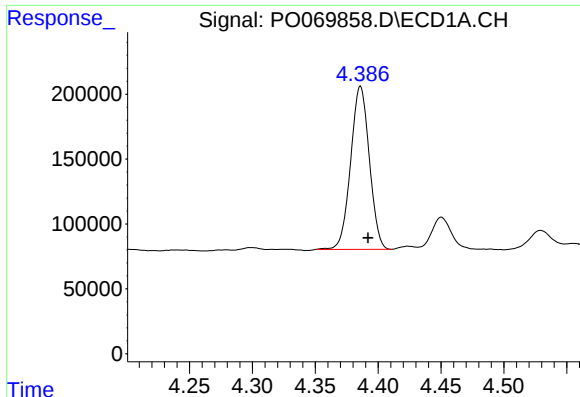
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_O\Data\P0072120\  
Data File : P0069858.D  
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH  
Acq On : 21 Jul 2020 19:16  
Operator : DD\AJ  
Sample : L3358-01  
Misc :  
ALS Vial : 27 Sample Multiplier: 1

Instrument :  
ECD\_O  
ClientSampled :  
55-ST-28

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Jul 22 00:50:13 2020  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_O\methods\P0070820.M  
Quant Title : GC EXTRACTABLES  
QLast Update : Wed Jul 08 16:12:41 2020  
Response via : Initial Calibration  
Integrator: ChemStation 6890 Scale Mode: Small noise peaks clipped

Volume Inj. : 2 µl  
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2  
Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm

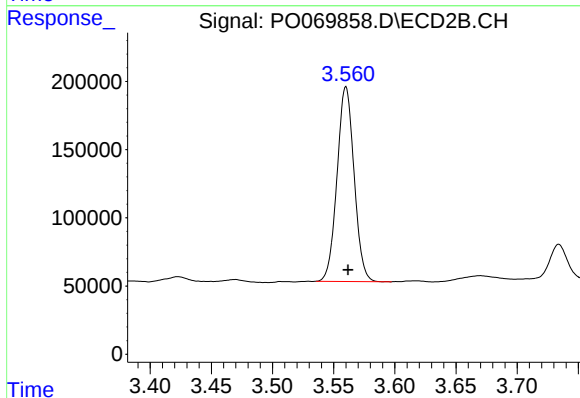




#1 Tetrachloro-m-xylene

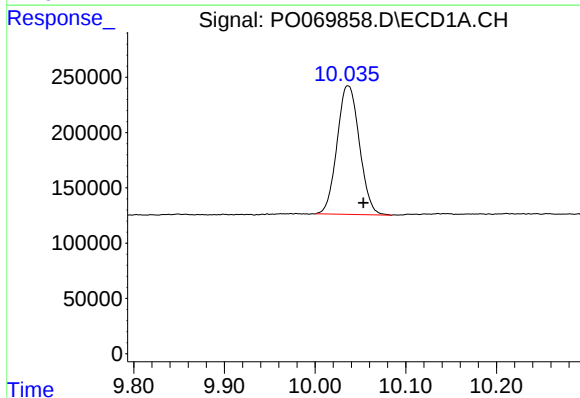
R.T.: 4.386 min  
Delta R.T.: -0.006 min  
Response: 1300540  
Conc: 34.83 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :  
55-ST-28



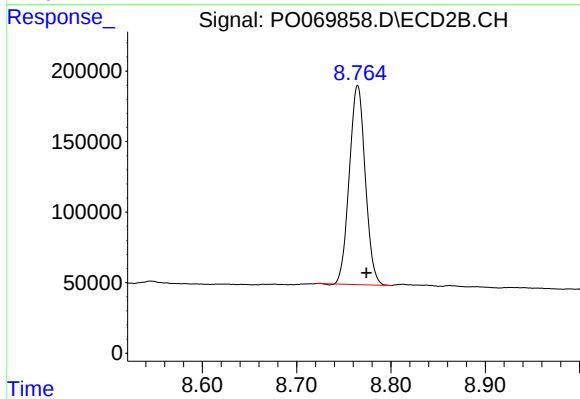
#1 Tetrachloro-m-xylene

R.T.: 3.560 min  
Delta R.T.: -0.002 min  
Response: 1385681  
Conc: 34.82 ng/ml



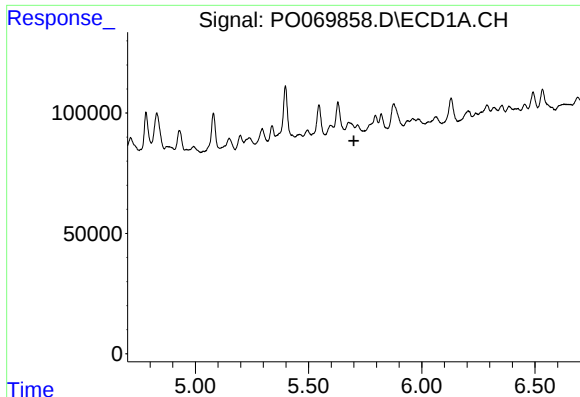
#2 Decachlorobiphenyl

R.T.: 10.036 min  
Delta R.T.: -0.017 min  
Response: 1984626  
Conc: 32.99 ng/ml



#2 Decachlorobiphenyl

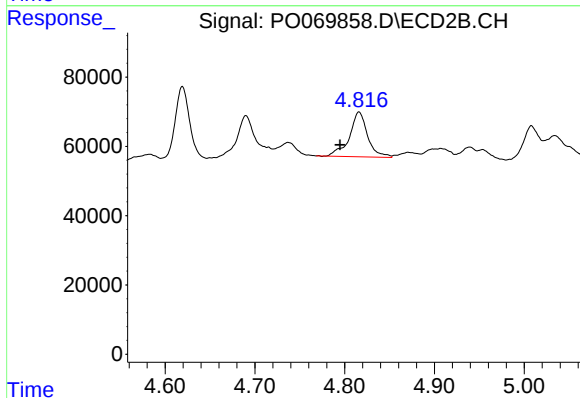
R.T.: 8.765 min  
Delta R.T.: -0.009 min  
Response: 1660813  
Conc: 29.26 ng/ml



#3 AR-1016-1

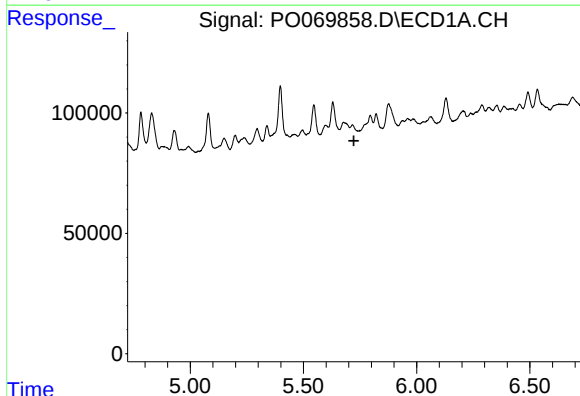
R.T.: 0.000 min  
Exp R.T.: 5.701 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_O  
ClientSampleId :  
55-ST-28



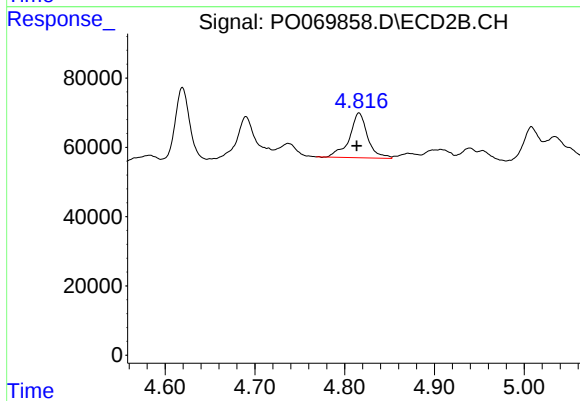
#3 AR-1016-1

R.T.: 4.816 min  
Delta R.T.: 0.021 min  
Response: 183251  
Conc: 108.97 ng/ml



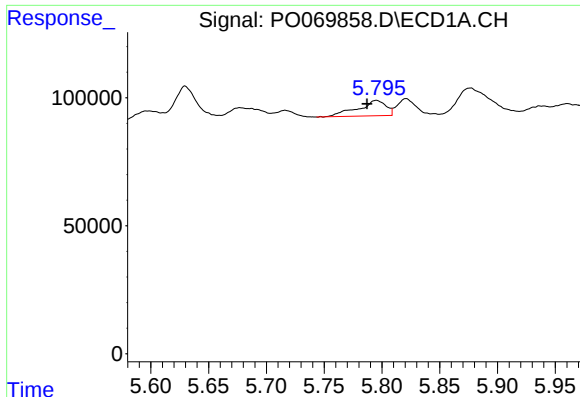
#4 AR-1016-2

R.T.: 0.000 min  
Exp R.T.: 5.723 min  
Response: 0  
Conc: N.D.



#4 AR-1016-2

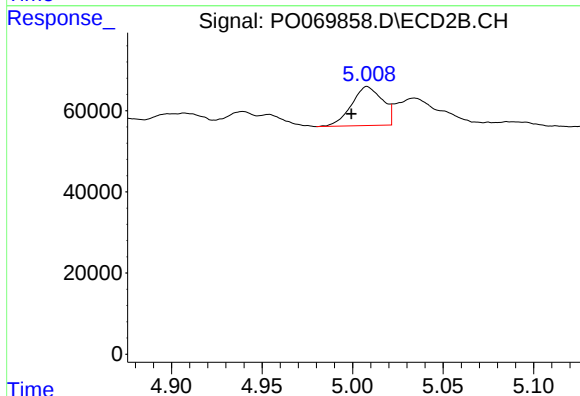
R.T.: 4.816 min  
Delta R.T.: 0.003 min  
Response: 183251  
Conc: 78.81 ng/ml



#5 AR-1016-3

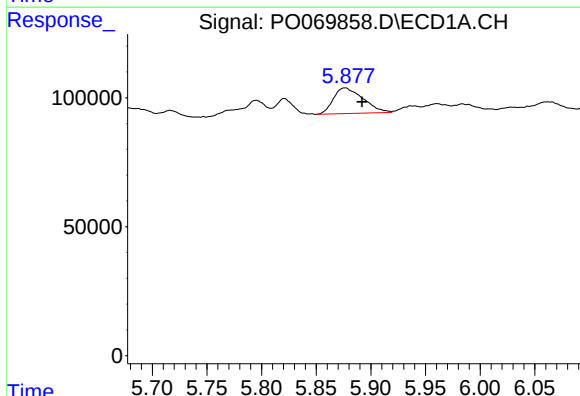
R.T.: 5.795 min  
Delta R.T.: 0.008 min  
Response: 101654  
Conc: 66.28 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :  
55-ST-28



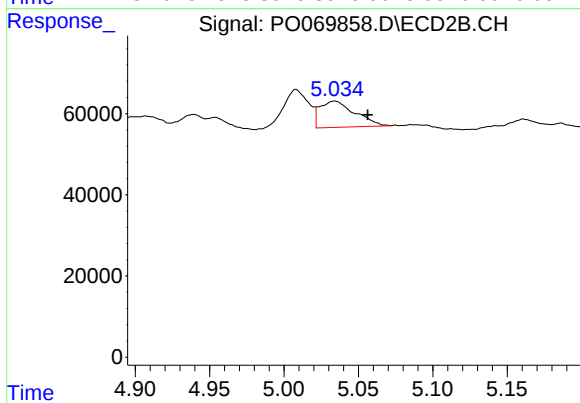
#5 AR-1016-3

R.T.: 5.008 min  
Delta R.T.: 0.009 min  
Response: 114178  
Conc: 89.63 ng/ml



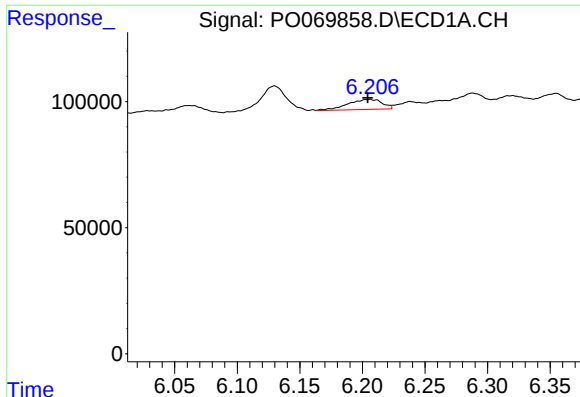
#6 AR-1016-4

R.T.: 5.876 min  
Delta R.T.: -0.016 min  
Response: 187785  
Conc: 144.90 ng/ml



#6 AR-1016-4

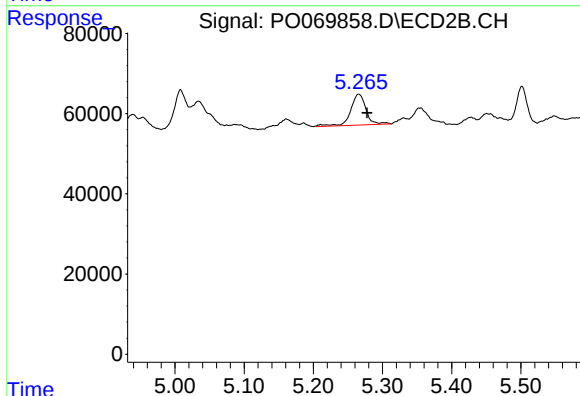
R.T.: 5.034 min  
Delta R.T.: -0.022 min  
Response: 106351  
Conc: 97.39 ng/ml



#7 AR-1016-5

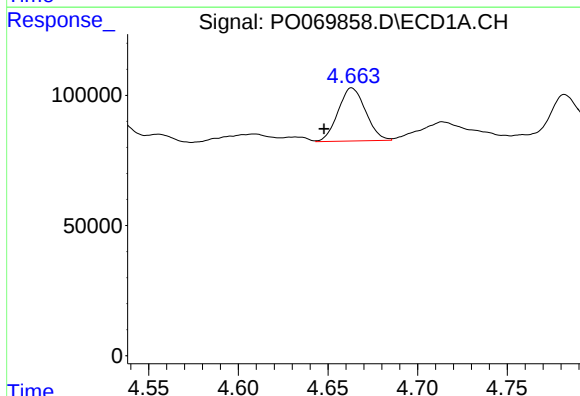
R.T.: 6.206 min  
Delta R.T.: 0.001 min  
Response: 76550  
Conc: 58.10 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :  
55-ST-28



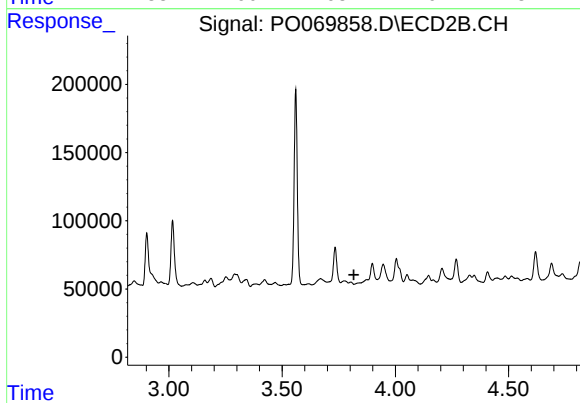
#7 AR-1016-5

R.T.: 5.266 min  
Delta R.T.: -0.012 min  
Response: 119077  
Conc: 86.57 ng/ml



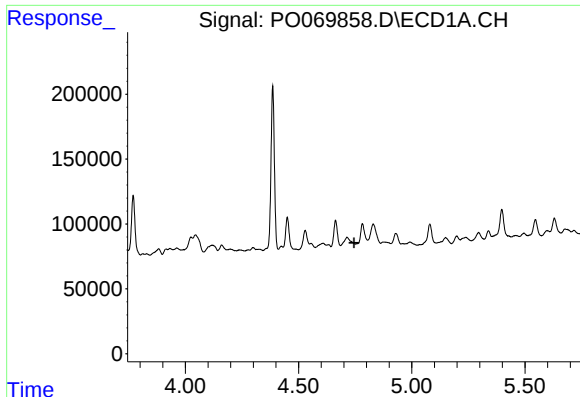
#8 AR-1221-1

R.T.: 4.663 min  
Delta R.T.: 0.016 min  
Response: 217932  
Conc: 543.48 ng/ml



#8 AR-1221-1

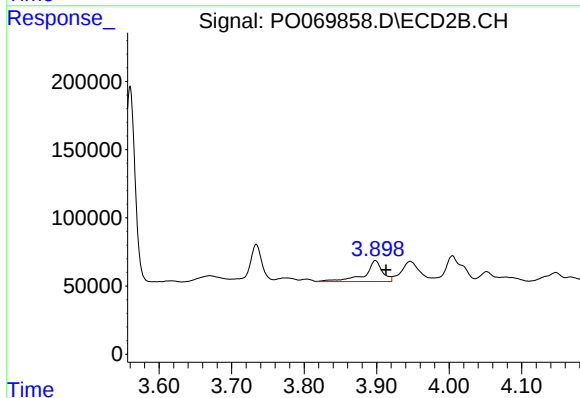
R.T.: 0.000 min  
Exp R.T. : 3.817 min  
Response: 0  
Conc: N.D.



#9 AR-1221-2

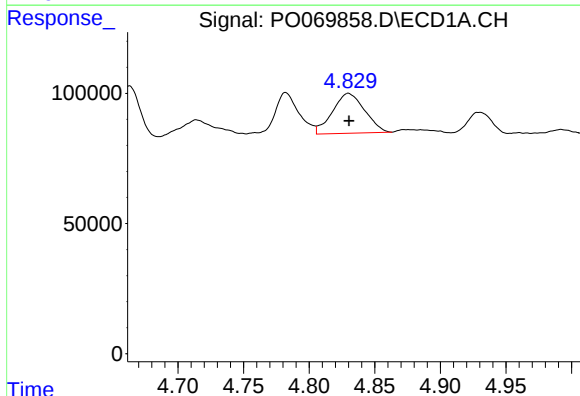
R.T.: 0.000 min  
Exp R.T.: 4.745 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_O  
ClientSampleId :  
55-ST-28



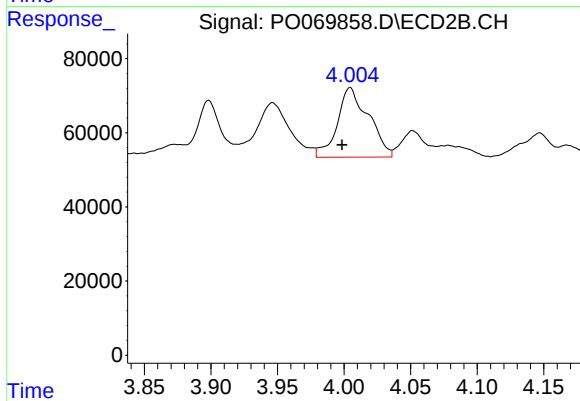
#9 AR-1221-2

R.T.: 3.898 min  
Delta R.T.: -0.015 min  
Response: 262299  
Conc: 733.03 ng/ml



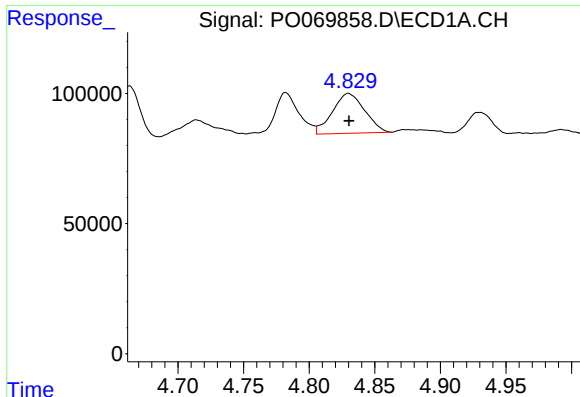
#10 AR-1221-3

R.T.: 4.830 min  
Delta R.T.: 0.000 min  
Response: 262251  
Conc: 258.09 ng/ml



#10 AR-1221-3

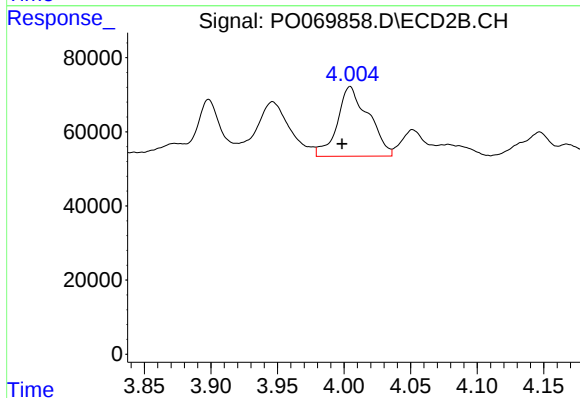
R.T.: 4.005 min  
Delta R.T.: 0.006 min  
Response: 307535  
Conc: 281.20 ng/ml



#11 AR-1232-1

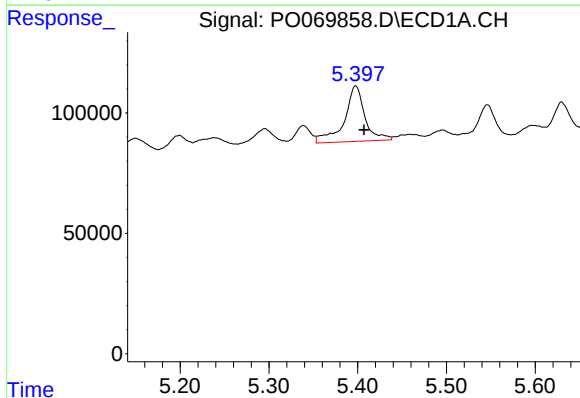
R.T.: 4.830 min  
Delta R.T.: 0.000 min  
Response: 262251  
Conc: 322.41 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :  
55-ST-28



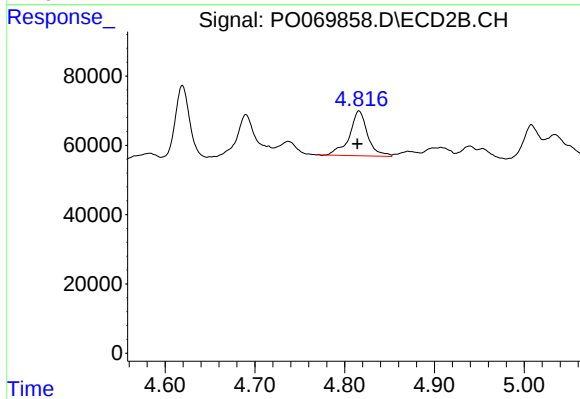
#11 AR-1232-1

R.T.: 4.005 min  
Delta R.T.: 0.006 min  
Response: 307535  
Conc: 343.97 ng/ml



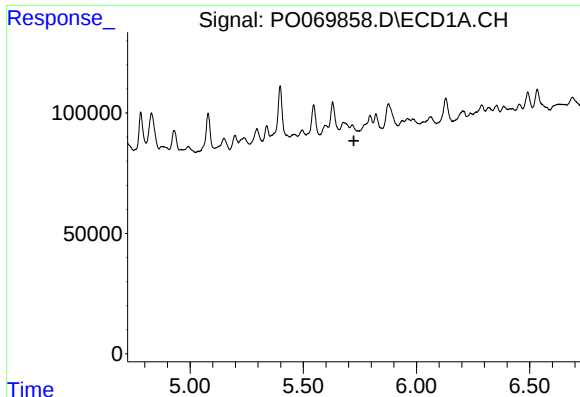
#12 AR-1232-2

R.T.: 5.398 min  
Delta R.T.: -0.010 min  
Response: 373255  
Conc: 870.88 ng/ml



#12 AR-1232-2

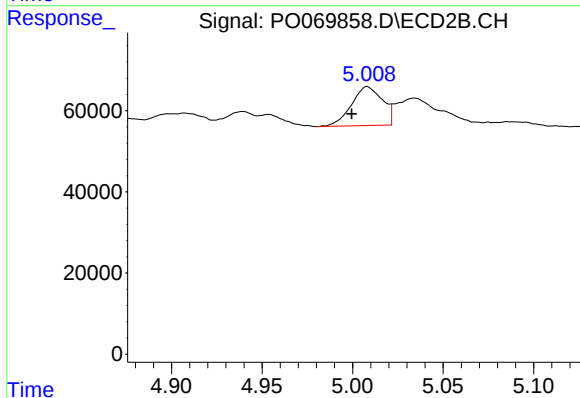
R.T.: 4.816 min  
Delta R.T.: 0.002 min  
Response: 183251  
Conc: 189.56 ng/ml



#13 AR-1232-3

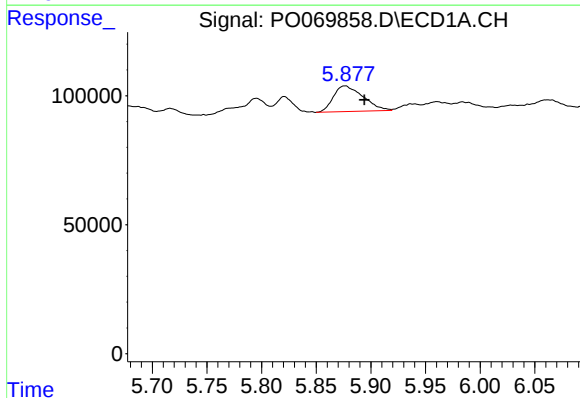
R.T.: 0.000 min  
Exp R.T.: 5.724 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_O  
ClientSampleId :  
55-ST-28



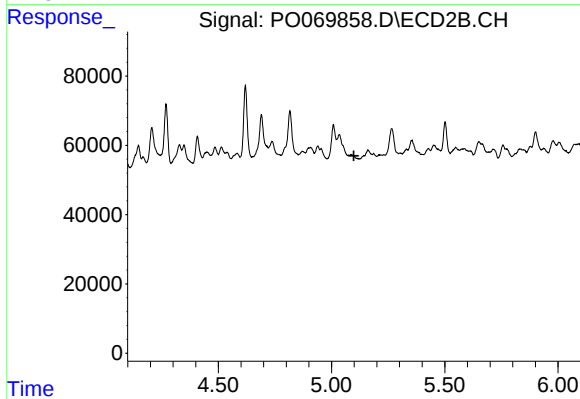
#13 AR-1232-3

R.T.: 5.008 min  
Delta R.T.: 0.009 min  
Response: 114178  
Conc: 218.53 ng/ml



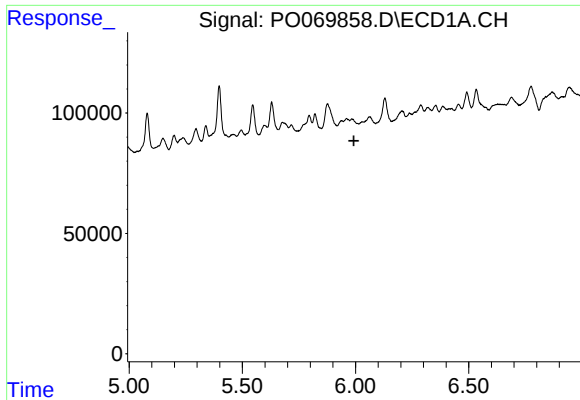
#14 AR-1232-4

R.T.: 5.876 min  
Delta R.T.: -0.018 min  
Response: 187785  
Conc: 383.79 ng/ml



#14 AR-1232-4

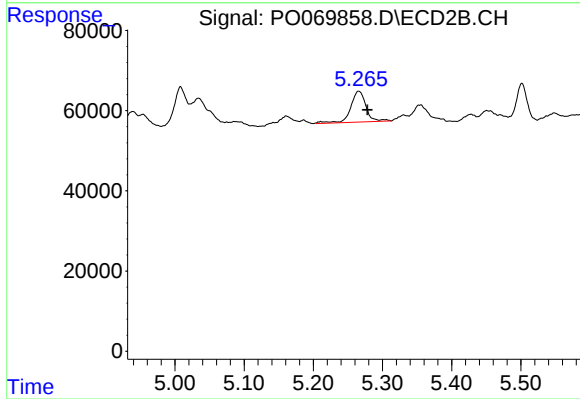
R.T.: 0.000 min  
Exp R.T.: 5.099 min  
Response: 0  
Conc: N.D.



#15 AR-1232-5

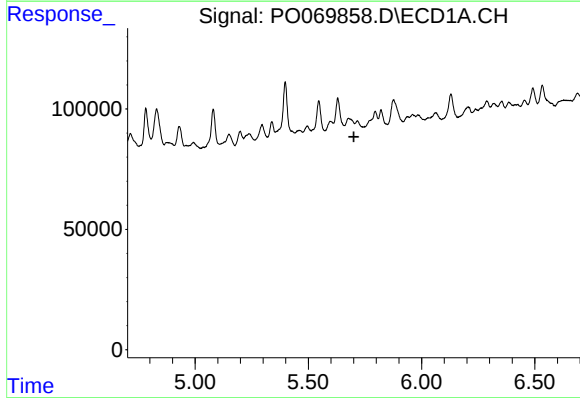
R.T.: 0.000 min  
Exp R.T.: 5.993 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_O  
ClientSampleId :  
55-ST-28



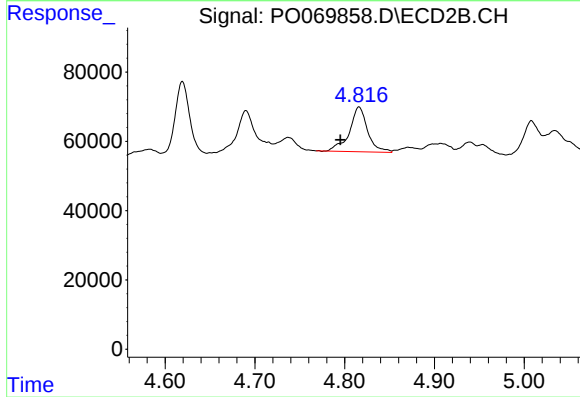
#15 AR-1232-5

R.T.: 5.266 min  
Delta R.T.: -0.013 min  
Response: 119077  
Conc: 227.62 ng/ml



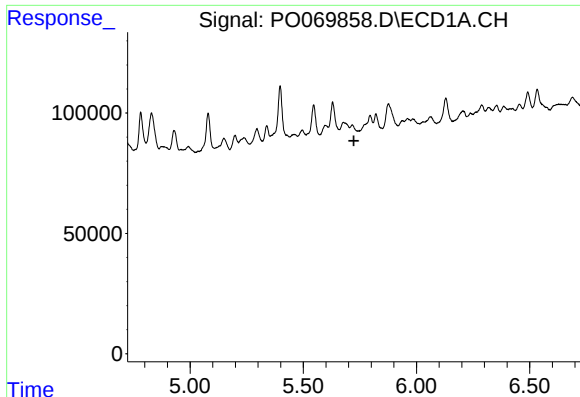
#16 AR-1242-1

R.T.: 0.000 min  
Exp R.T.: 5.701 min  
Response: 0  
Conc: N.D.



#16 AR-1242-1

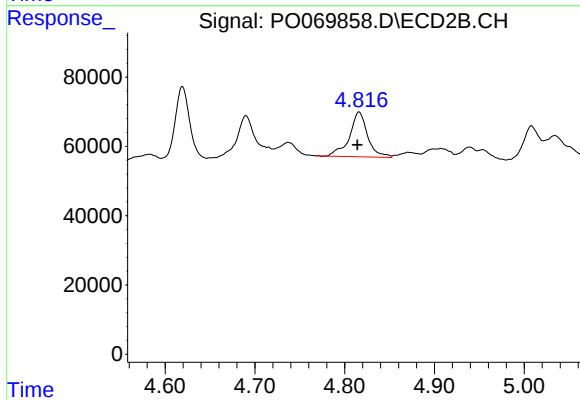
R.T.: 4.816 min  
Delta R.T.: 0.021 min  
Response: 183251  
Conc: 146.15 ng/ml



#17 AR-1242-2

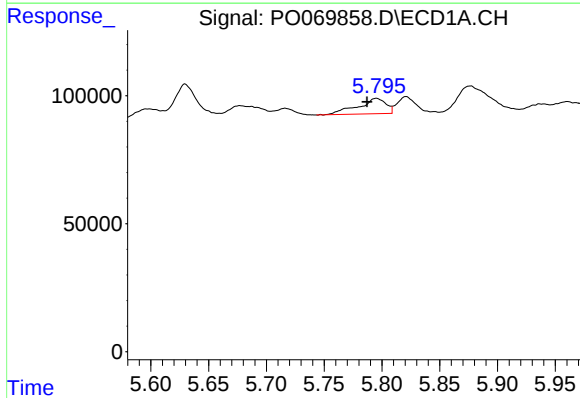
R.T.: 0.000 min  
Exp R.T.: 5.723 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_O  
ClientSampleId :  
55-ST-28



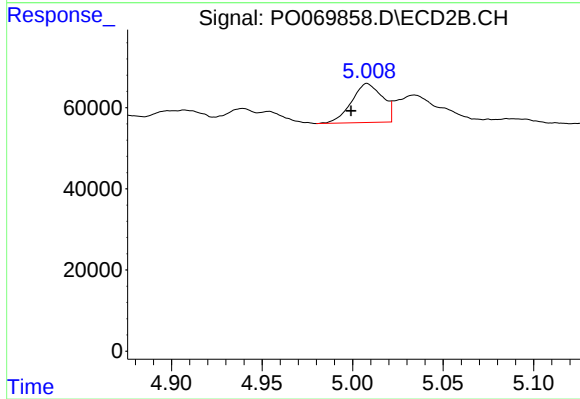
#17 AR-1242-2

R.T.: 4.816 min  
Delta R.T.: 0.002 min  
Response: 183251  
Conc: 104.89 ng/ml



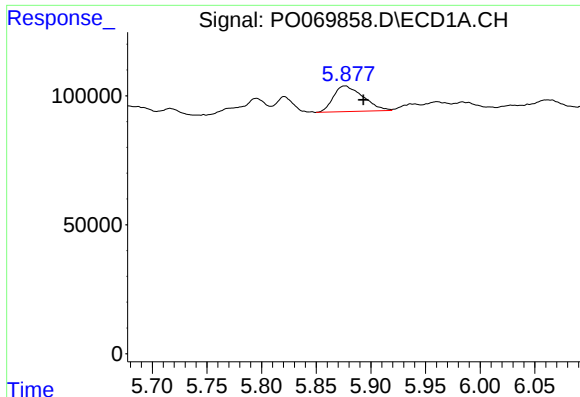
#18 AR-1242-3

R.T.: 5.795 min  
Delta R.T.: 0.008 min  
Response: 101654  
Conc: 89.51 ng/ml



#18 AR-1242-3

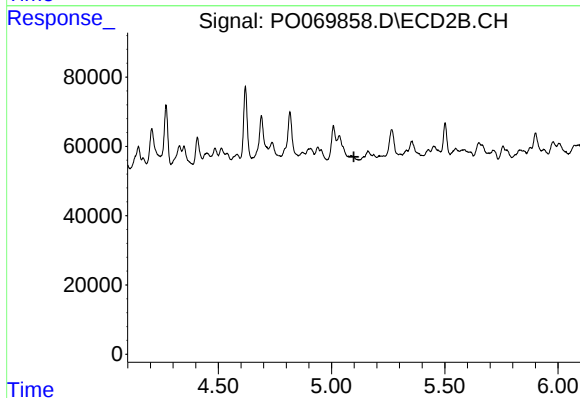
R.T.: 5.008 min  
Delta R.T.: 0.009 min  
Response: 114178  
Conc: 118.61 ng/ml



#19 AR-1242-4

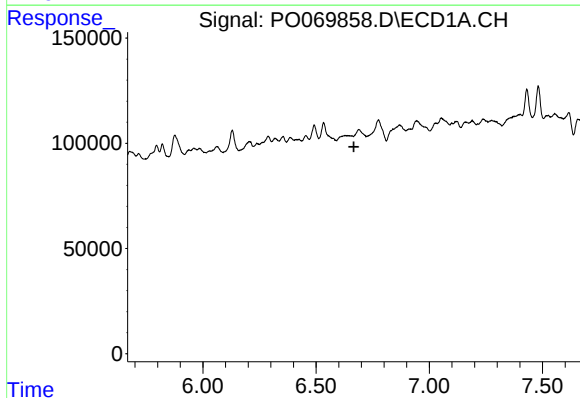
R.T.: 5.876 min  
Delta R.T.: -0.017 min  
Response: 187785  
Conc: 195.69 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :  
55-ST-28



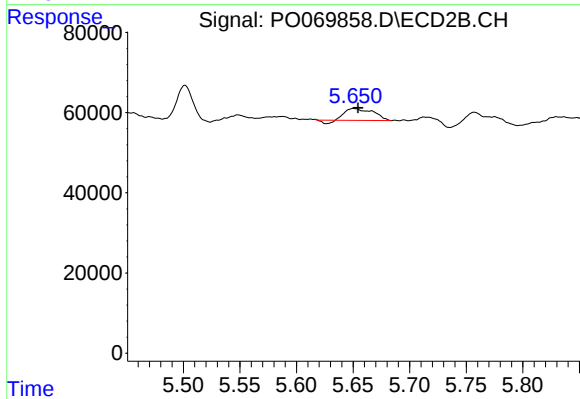
#19 AR-1242-4

R.T.: 0.000 min  
Exp R.T. : 5.098 min  
Response: 0  
Conc: N.D.



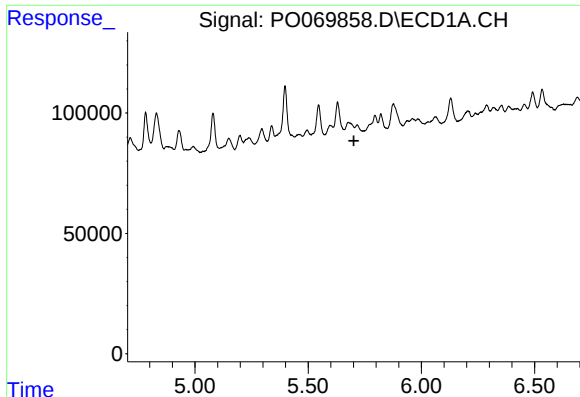
#20 AR-1242-5

R.T.: 0.000 min  
Exp R.T. : 6.667 min  
Response: 0  
Conc: N.D.



#20 AR-1242-5

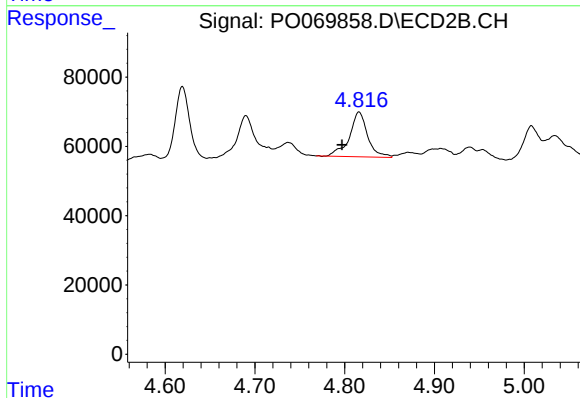
R.T.: 5.651 min  
Delta R.T.: -0.004 min  
Response: 48966  
Conc: 38.63 ng/ml



#21 AR-1248-1

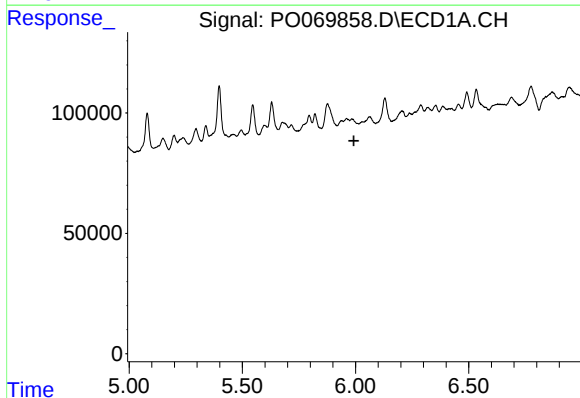
R.T.: 0.000 min  
Exp R.T.: 5.702 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_O  
ClientSampleId :  
55-ST-28



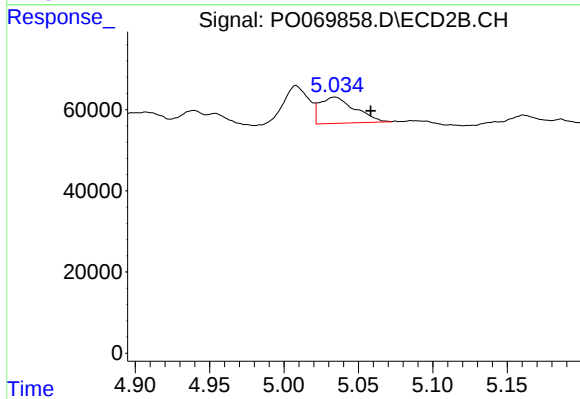
#21 AR-1248-1

R.T.: 4.816 min  
Delta R.T.: 0.019 min  
Response: 183251  
Conc: 187.25 ng/ml



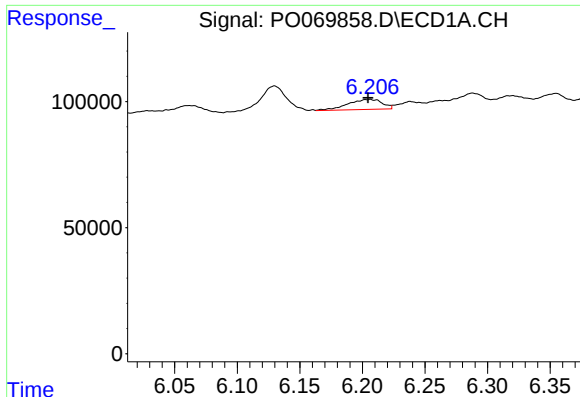
#22 AR-1248-2

R.T.: 0.000 min  
Exp R.T.: 5.993 min  
Response: 0  
Conc: N.D.



#22 AR-1248-2

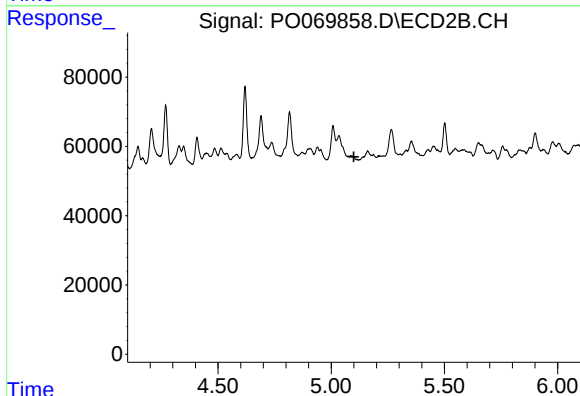
R.T.: 5.034 min  
Delta R.T.: -0.024 min  
Response: 106351  
Conc: 78.12 ng/ml



#23 AR-1248-3

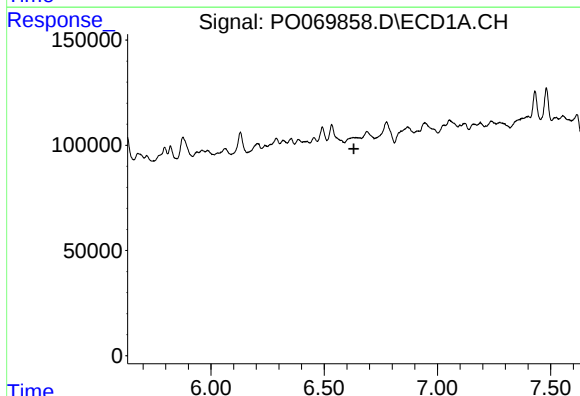
R.T.: 6.206 min  
Delta R.T.: 0.001 min  
Response: 76550  
Conc: 48.44 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :  
55-ST-28



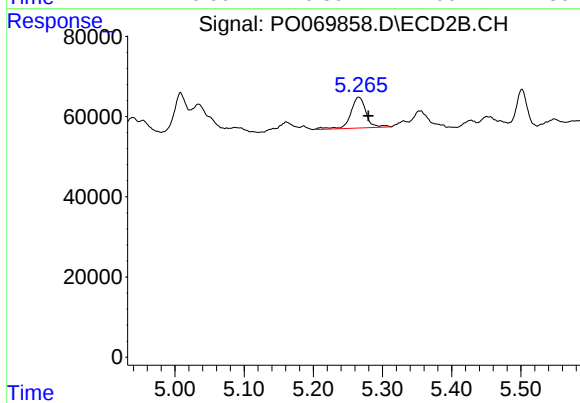
#23 AR-1248-3

R.T.: 0.000 min  
Exp R.T. : 5.100 min  
Response: 0  
Conc: N.D.



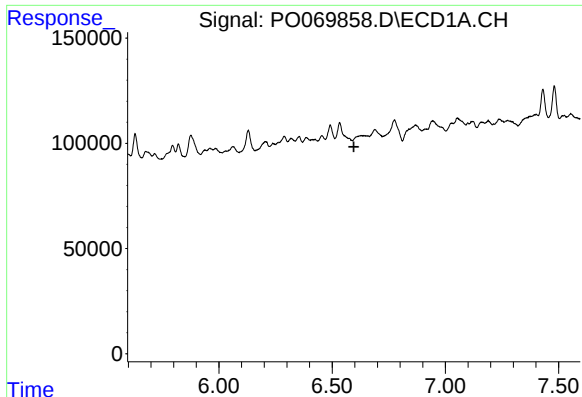
#24 AR-1248-4

R.T.: 0.000 min  
Exp R.T. : 6.631 min  
Response: 0  
Conc: N.D.



#24 AR-1248-4

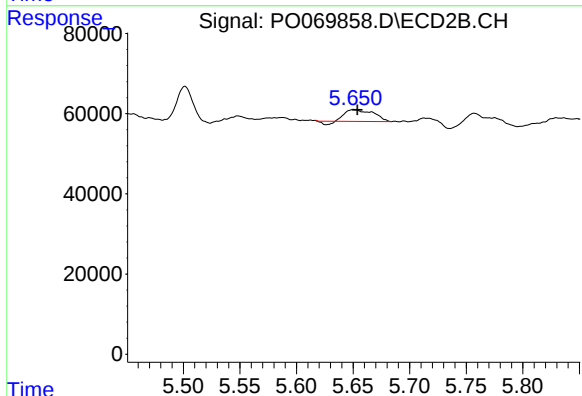
R.T.: 5.266 min  
Delta R.T.: -0.014 min  
Response: 119077  
Conc: 73.31 ng/ml



#26 AR-1254-1

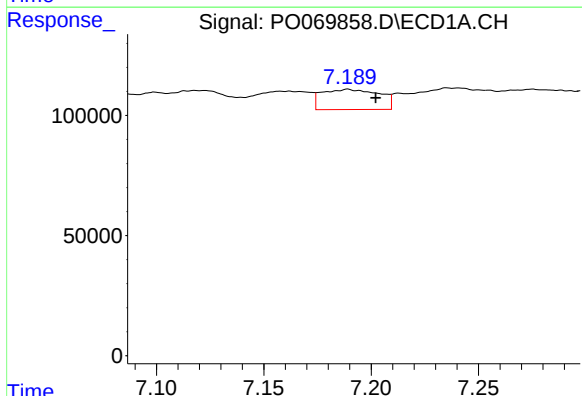
R.T.: 0.000 min  
Exp R.T.: 6.596 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_O  
ClientSampleId :  
55-ST-28



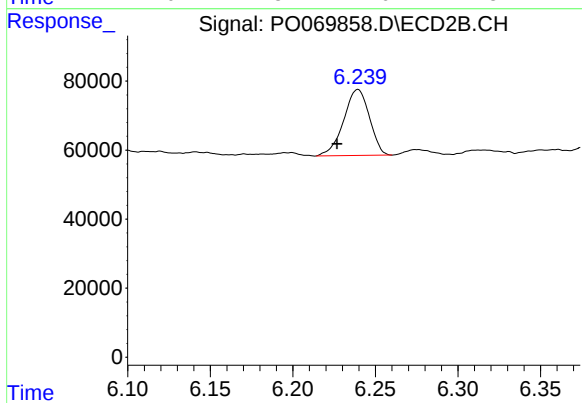
#26 AR-1254-1

R.T.: 5.651 min  
Delta R.T.: -0.003 min  
Response: 48966  
Conc: 18.81 ng/ml



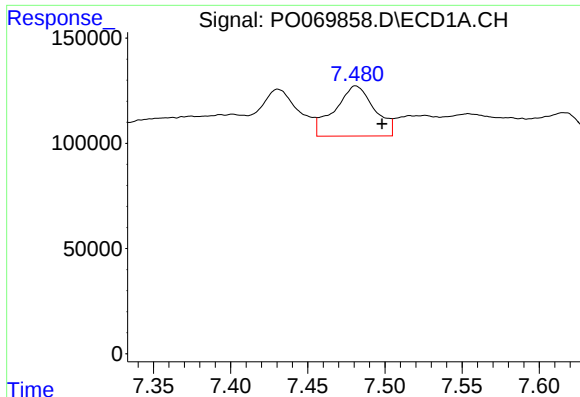
#28 AR-1254-3

R.T.: 7.189 min  
Delta R.T.: -0.013 min  
Response: 156881  
Conc: 44.67 ng/ml



#28 AR-1254-3

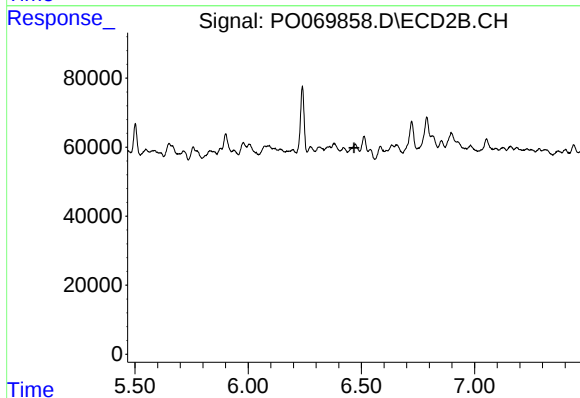
R.T.: 6.239 min  
Delta R.T.: 0.013 min  
Response: 208265  
Conc: 55.46 ng/ml



#29 AR-1254-4

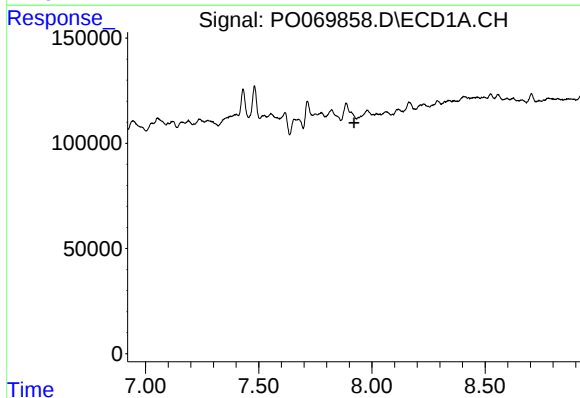
R.T.: 7.481 min  
Delta R.T.: -0.017 min  
Response: 427736  
Conc: 142.92 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :  
55-ST-28



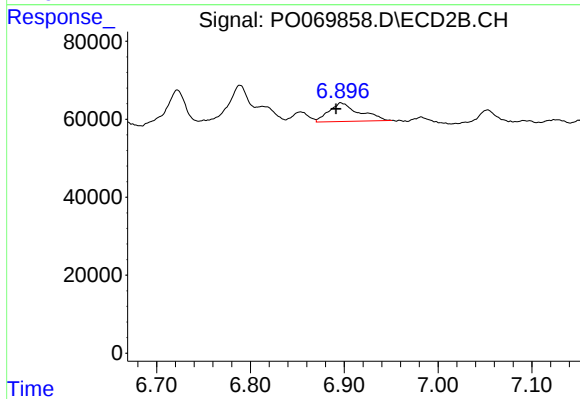
#29 AR-1254-4

R.T.: 0.000 min  
Exp R.T. : 6.467 min  
Response: 0  
Conc: N.D.



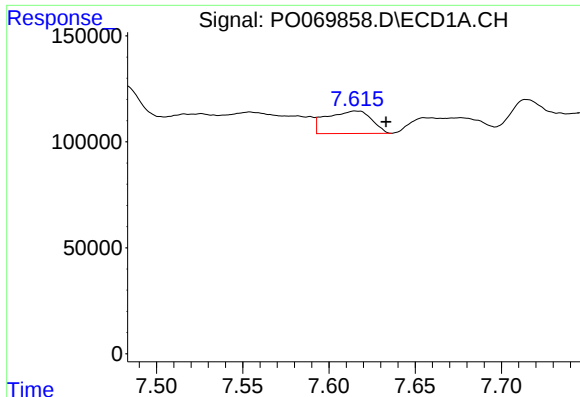
#30 AR-1254-5

R.T.: 0.000 min  
Exp R.T. : 7.921 min  
Response: 0  
Conc: N.D.



#30 AR-1254-5

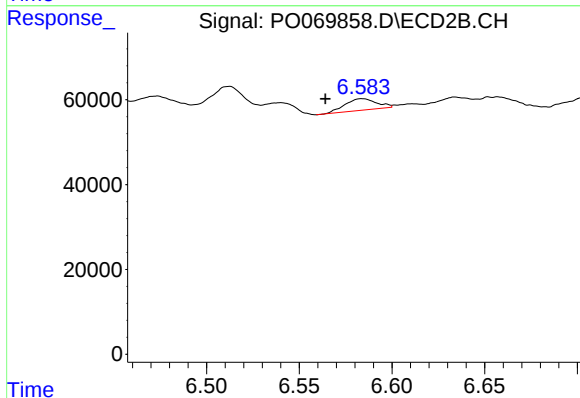
R.T.: 6.896 min  
Delta R.T.: 0.005 min  
Response: 107162  
Conc: 29.86 ng/ml



#32 AR-1260-2

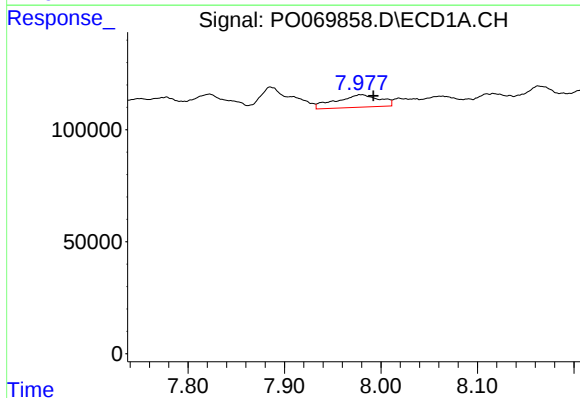
R.T.: 7.616 min  
Delta R.T.: -0.017 min  
Response: 193384  
Conc: 54.51 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :  
55-ST-28



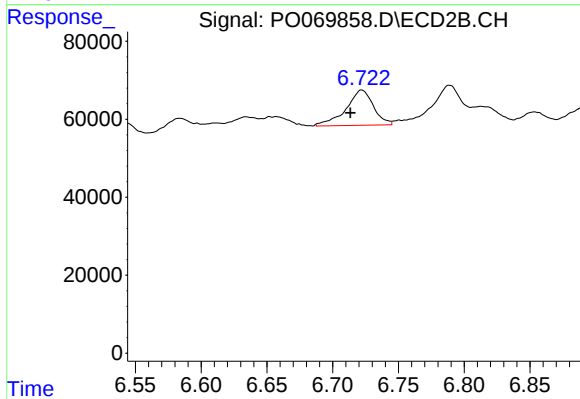
#32 AR-1260-2

R.T.: 6.584 min  
Delta R.T.: 0.020 min  
Response: 32194  
Conc: 9.84 ng/ml



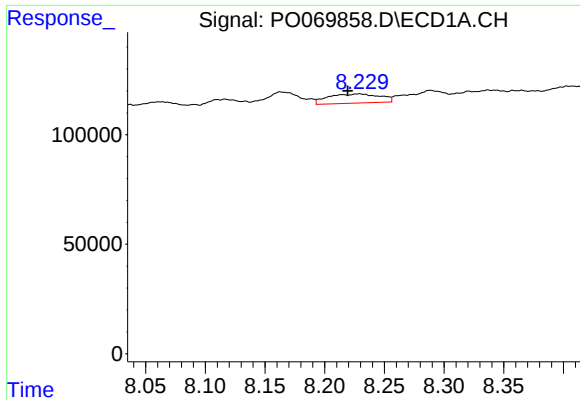
#33 AR-1260-3

R.T.: 7.979 min  
Delta R.T.: -0.013 min  
Response: 176502  
Conc: 61.05 ng/ml



#33 AR-1260-3

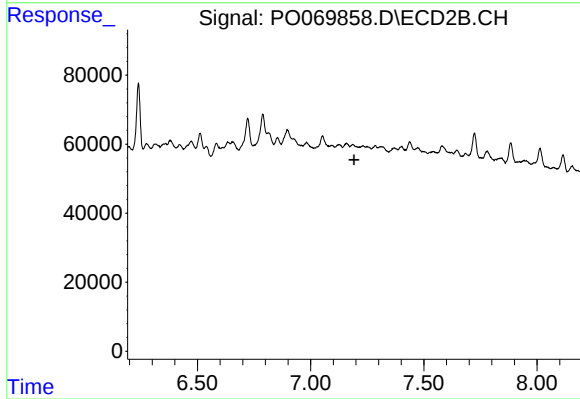
R.T.: 6.722 min  
Delta R.T.: 0.009 min  
Response: 131209  
Conc: 43.10 ng/ml



#34 AR-1260-4

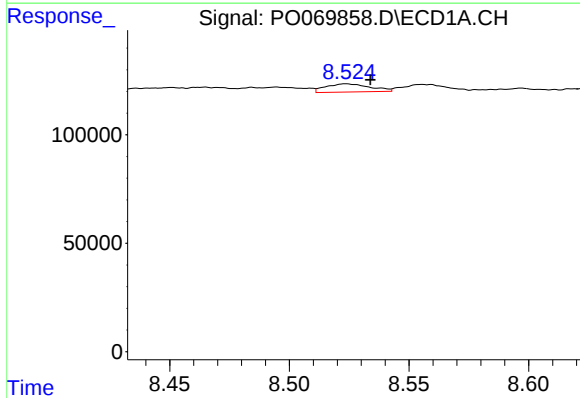
R.T.: 8.229 min  
Delta R.T.: 0.010 min  
Response: 125932  
Conc: 42.52 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :  
55-ST-28



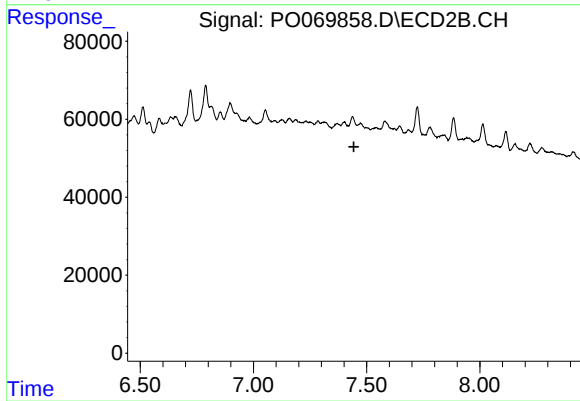
#34 AR-1260-4

R.T.: 0.000 min  
Exp R.T. : 7.191 min  
Response: 0  
Conc: N.D.



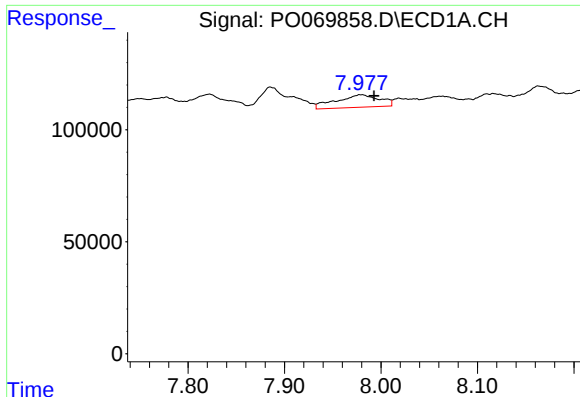
#35 AR-1260-5

R.T.: 8.524 min  
Delta R.T.: -0.010 min  
Response: 48784  
Conc: 7.21 ng/ml



#35 AR-1260-5

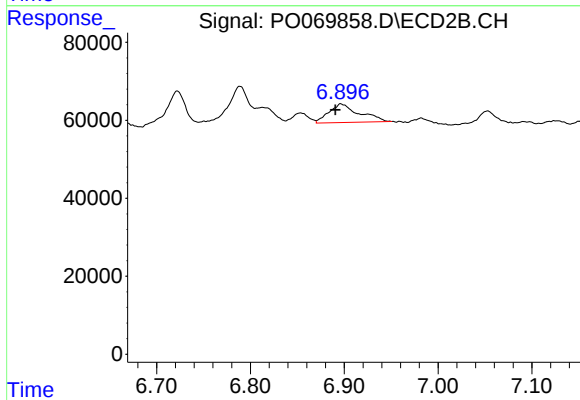
R.T.: 0.000 min  
Exp R.T. : 7.443 min  
Response: 0  
Conc: N.D.



#36 AR-1262-1

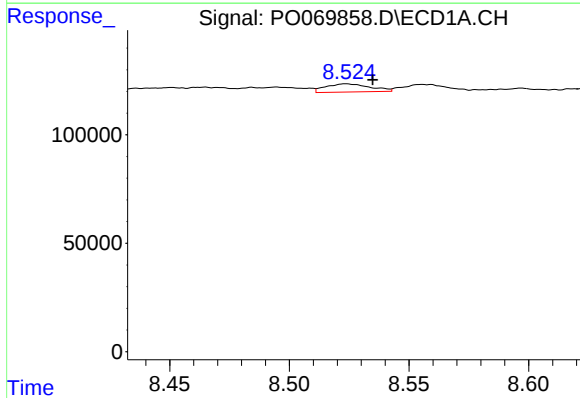
R.T.: 7.979 min  
Delta R.T.: -0.013 min  
Response: 176502  
Conc: 44.35 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :  
55-ST-28



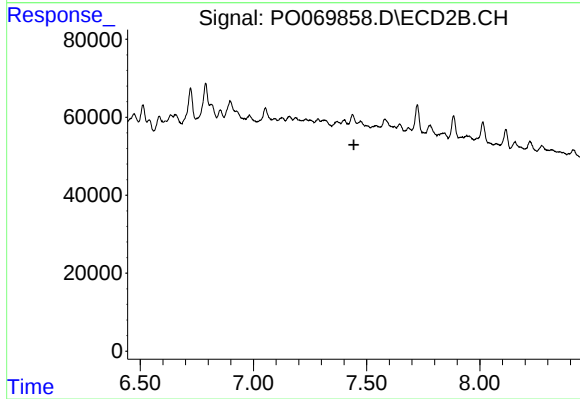
#36 AR-1262-1

R.T.: 6.896 min  
Delta R.T.: 0.006 min  
Response: 107162  
Conc: 55.50 ng/ml



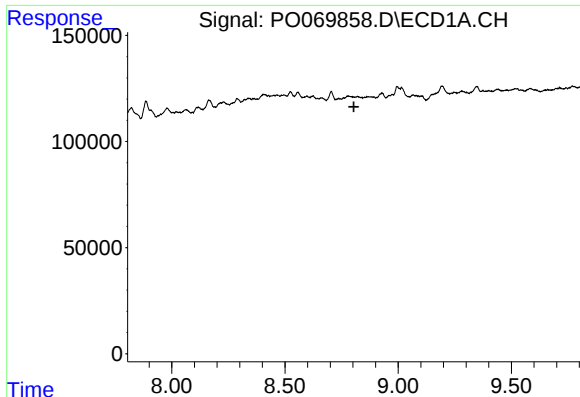
#37 AR-1262-2

R.T.: 8.524 min  
Delta R.T.: -0.011 min  
Response: 48784  
Conc: 6.76 ng/ml



#37 AR-1262-2

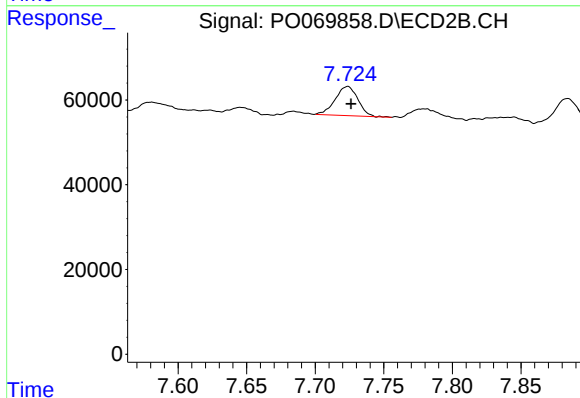
R.T.: 0.000 min  
Exp R.T.: 7.443 min  
Response: 0  
Conc: N.D.



#38 AR-1262-3

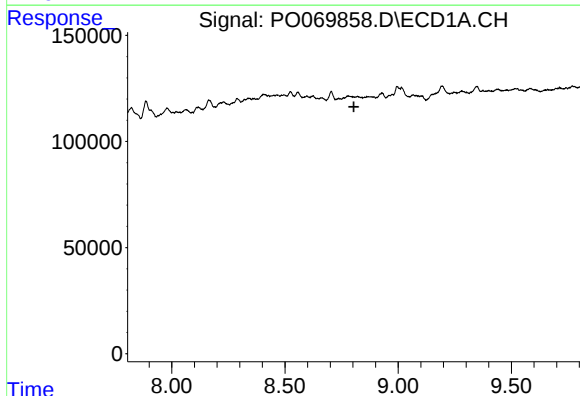
R.T.: 0.000 min  
Exp R.T.: 8.805 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_O  
ClientSampleId :  
55-ST-28



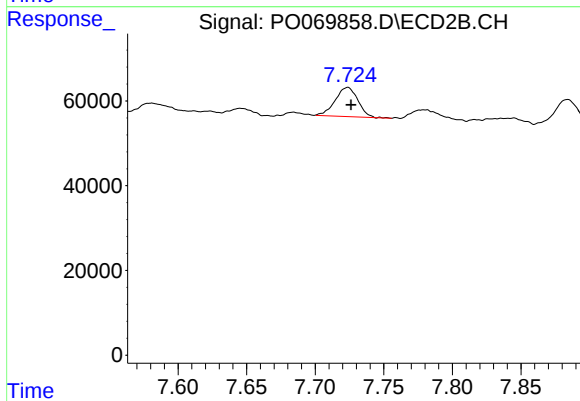
#38 AR-1262-3

R.T.: 7.724 min  
Delta R.T.: -0.003 min  
Response: 79162  
Conc: 29.37 ng/ml



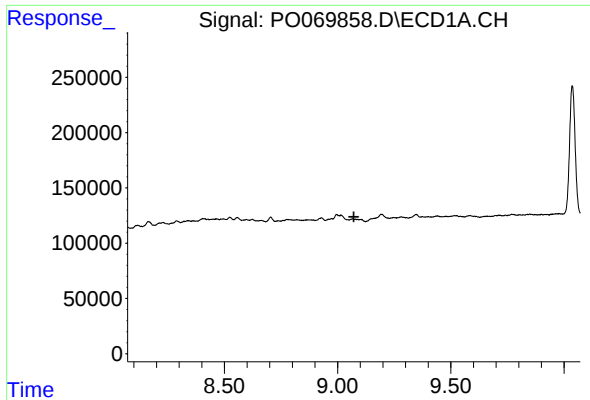
#41 AR-1268-1

R.T.: 0.000 min  
Exp R.T.: 8.805 min  
Response: 0  
Conc: N.D.



#41 AR-1268-1

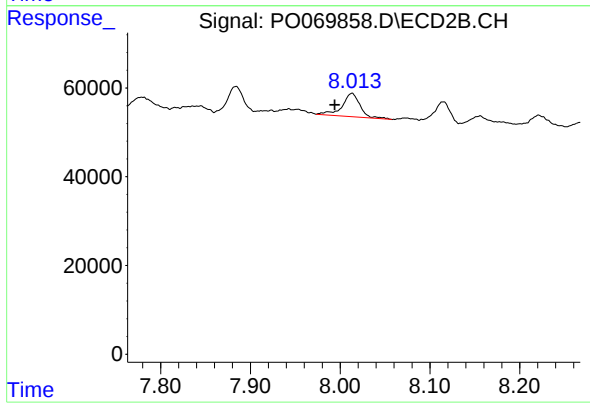
R.T.: 7.724 min  
Delta R.T.: -0.003 min  
Response: 79162  
Conc: 10.11 ng/ml



#43 AR-1268-3

R.T.: 0.000 min  
Exp R.T.: 9.072 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_O  
ClientSampleId :  
55-ST-28



#43 AR-1268-3

R.T.: 8.013 min  
Delta R.T.: 0.019 min  
Response: 72969  
Conc: 12.22 ng/ml